

Substitute Form PTO-1449  
(Modified)U.S. Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
10559-303US1Application No.  
10/069,306**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

(37 C.F.R. § 1.98(b))

Applicant  
Gilbert Wolrich et al.Filing Date  
July 3, 2002

Group Art Unit

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>h</i>	AA	09/473,571	12/28/1999	Wolrich et al.			
<i>h</i>	AB	09/475,614	12/30/1999	Wolrich et al.			
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	AG						
	AH						

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
<i>h</i>	AI	WO 01/16697	03/2001	WIPO				
<i>h</i>	AJ	WO 01/16698	03/2001	WIPO				
<i>h</i>	AK	WO 01/16702	03/2001	WIPO				
<i>h</i>	AL	WO 01/16713	03/2001	WIPO				
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<i>h</i>	AP	WO 01/16722	03/2001	WIPO				
<i>h</i>	AQ	WO 01/16758	03/2001	WIPO				
<i>h</i>	AR	WO 01/18646	03/2001	WIPO				

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Examiner Initial	Desig. ID	Document
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	AT	
	AU	

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-303US1	Application No. 10/069,306
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.902(b))		Applicant Gilbert Wolrich et al.	
		Filing Date February 21, 2002	Group Art Unit

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							Yes	No
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L	AC	WO 01/48619	07/05/2001	WIPO				
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L	AH	WO 01/16782	03/08/2001	WIPO				
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L	AP	EP 0 745 933	12/04/1996	Europe				
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L	AS	EP 0 379 709	08/01/1990	Europe				
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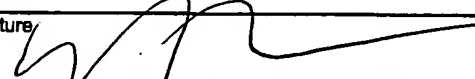
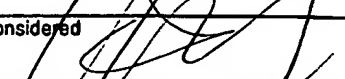
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L	AV	Byrd et al., "Multithread Processor Architectures," <i>IEEE Spectrum</i> , Vol. 32, No. 8, New York, 1 August 1995, pp. 38-46.
L	AW	Chang et al., "A New Mechanism For Improving Branch Predictor Performance," IEEE, pp. 22-31 (1994).

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

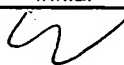
Substitute Form PTO-1449 (Rev. 11-2001)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-303US1	Application No. 10/069,306
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)		Applicant Gilbert Wolrich et al.	
		Filing Date February 21, 2002	Group Art Unit

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ay	AY	Farkas et al., "The multicluster architecture: reducing cycle time through partitioning," IEEE, vol. 30, December 1997, pp. 149-159.
ay	AZ	Fillo et al., "The M-Machine Multicomputer," IEEE Proceedings of MICRO-28, 1995, pp. 146-156.
ay	AAA	Gomez et al., "Efficient Multithreaded User-Space Transport for Network Computing: Design and Test of the TRAP Protocol," <i>Journal of Parallel and Distributed Computing</i> , Academic Press, Duluth, Minnesota, USA, vol. 40, no. 1, 10 January 1997, pp. 103-117.
ay	ABB	Haug et al., "Reconfigurable hardware as shared resource for parallel threads," IEEE Symposium on FPGAs for Custom Computing Machines, 1998.
ay	ACC	Hauser et al., "Garp: a MIPS processor with a reconfigurable coprocessor," Proceedings of the 5 <sup>th</sup> Annual IEEE Symposium on Field-Programmable Custom Computing Machines, 1997.
ay	ADD	Hennessy et al., "Computer Organization and Design: The Hardware/Software Interface," Morgan Kaufman Publishers, pp. 476-482 (1998).
ay	AEE	Hyde, R., "Overview of Memory Management," <i>Byte</i> , vol. 13, no. 4, 1998, pp. 219-225.
ay	AFF	Intel, "IA-64 Application Developer's Architecture Guide," Rev.1.0, May 1999, pp. 2-2, 4-29 to 4-31, 7-116 to 7-118 and c-21.
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ay	AHH	Litch et al., "StrongARMing Portable Communications," IEEE Micro, 1998, pp. 48-55.
ay	AII	Mendelson et al., "Design Alternatives of Multithreaded Architecture," <i>International Journal of Parallel Programming</i> , vol. 27, no. 3, Plenum Press, New York, USA, June 1999, pp. 161-193.
ay	AJJ	Paver et al., "Register Locking in Asynchronous Processor Computer Design: VLSI Processors," ICCD '92 Proceedings, IEEE 1992 International Conference, 1992, pp. 385-398.
ay	AKK	Schmidt et al., "The Performance of Alternative Threading Architectures for Parallel Communication Subsystems," Internet Document, <i>Online!</i> , 13 November 1998.
ay	ALL	Thistle et al., "A Processor Architecture for Horizon," IEEE, 1998, pp. 35-41.
ay	AMM	Tremblay et al., "A Three Dimensional Register File for Superscalar Processors," IEEE Proceedings of the 28 <sup>th</sup> Annual Hawaii International Conference on System Sciences, 1995, pp. 191-201.
ay	ANN	Trimberger et al., "A time-multiplexed FPGA," Proceedings of the 5 <sup>th</sup> Annual IEEE Symposium on Field-Programmable Custom Computing Machines, 1998.
ay	AOO	Turner et al., "Design of a High Performance Active Router," Internet Document, <i>Online</i> , 18 March 1999.
ay	APP	Vibhatavani et al., "Simultaneous Multithreading-Based Routers," Proceedings of the 2000 International Conference of Parallel Processing, Toronto, Ontario, Canada, 21-24 August 2000, pp. 362-359.
ay	AQQ	Wadler, "The Concatenate Vanishes," University of Glasgow, December 1987 (revised November 1989), pp. 1-7.
ay	ARR	Waldspurger et al., "Register Relocation: Flexible Contents for Multithreading," Proceedings of the 20 <sup>th</sup> Annual International Symposium on Computer Architecture, 1993, pp. 120-130.

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Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	ASS	Wazlowski et al., "PRSIM-II computer and architecture," IEEE Proceedings, Workshop on FPGAs for Custom Computing Machines, 1993.

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Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
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	AF	6,115,777	09/05/2000	Zahir et al.			
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	AH						
	AI						
	AJ						
	AK						

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	AM							
	AN							
	AO							
	AP							

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# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

12/02/04

## Title of Invention

## INSTRUCTION FOR MULTITHREADED PARALLEL PROCESSOR

Application Number : 10/069306  
Confirmation Number: 1999  
First Named Applicant: Gilbert Wolrich  
Attorney Docket Number: 10559-303US1



Art Unit:

Examiner:

Search string: ( 6223238 or 6223279 or 6247025 or 6256713 or 6272616 or 6275505 or 6279113 or 6289011 or 6298370 or 6307789 or 6324624 or 6345334 or 6347344 or 6351808 or 6356962 or 6373848 or 6360262 or 6389449 or 6393483 or 6415338 or 6426940 or 6427196 or 6430626 or 6434145 or 6463072 or 6532509 or 6552826 or 6560667 or 6577542 or 6584522 or 6587906 or 6606704 or 6625654 or 6629237 or 6631430 or 6631462 or 6661794 or 6667920 or 6668317 or 6681300 or 6694380 or 4023023 or 5113516 or 5363448 or 5436626 or 5600812 or 5652583 or 5717760 ).pn

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Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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✓	2	6223279	2001-04-24	Nishimura et al.			
✓	3	6247025	2001-06-12	Bacon			
✓	4	6256713	2001-07-03	Audityan et al.			
✓	5	6272616	2001-08-07	Fernando et al.			
✓	6	6275505	2001-08-14	O Loughlin et al.			
✓	7	6279113	2001-08-21	Vaidya			
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✓	9	6298370	2001-10-02	Tang et al.			
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✓	13	6347344	2002-02-12	Baker et al.			
✓	14	6351808	2002-02-26	Joy et al.			
✓	15	6356962	2002-03-12	Kasper et al.			
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Signature

Examiner Name	Date
	

# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

<b>Title of Invention</b>	<b>INSTRUCTION FOR MULTITHREADED PARALLEL PROCESSOR</b>
-------------------------------	---

Application Number : 10/069306  
 Confirmation Number: 1999  
 First Named Applicant: Gilbert Wolrich  
 Attorney Docket Number: 10559-303US1



Art Unit:

Examiner:

Search string: ( 5937187 or 5938736 or 5940612 or 5940866 or 5946487 or 5948081 or 5951679 or 5958031 or 5961628 or 5970013 or 5978838 or 5983274 or 5996068 or 6002881 or 6009515 or 6012151 or 6014729 or 6023742 or 6029228 or 6058168 or 6058465 or 6067585 or 6070231 or 6072781 or 6073215 or 6076158 or 6079008 or 6079014 or 6085215 or 6085294 or 6092127 or 6092158 or 6092175 or 6112016 or 6115811 or 6134665 or 6141689 or 6141765 or 6144669 or 6145054 or 6157955 or 6160562 or 6182177 or 6195676 or 6199133 or 6201807 or 6212542 or 6212611 or 6216220 or 6223207 ).pn

## US Patent Documents

**Note: Applicant is not required to submit a paper copy of cited US Patent Documents**

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
W	1	5937187	1999-08-10	Kosche et al.			
W	2	5938736	1999-08-17	Muller et al.			
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W	4	5940866	1999-08-17	Chisholm et al.			
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W	6	5948081	1999-09-07	Foster			
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**Signature**

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init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
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<i>h</i>	2	5574922	1996-11-12	James			
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h	50	5659687	1997-08-19	Kim et al.			

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Application Number : 10/069306  
Confirmation Number: 1999  
First Named Applicant: Gilbert Wolrich  
Attorney Docket Number: 10559-303US1  
Art Unit:  
Examiner:  
Search string:



( 3373408 or 3478322 or 3792441 or 3913074 or 3940745 or 4130890 or 4392758 or 4400770 or 4514807 or 4523272 or 4724521 or 4745544 or 4777587 or 4866664 or 5073864 or 5140685 or 5142683 or 5155831 or 5155854 or 5168555 or 5173897 or 5255239 or 5263169 or 5347648 or 5357617 or 5367678 or 5390329 or 5392391 or 5392411 or 5392412 or 5404464 or 5404482 or 5428809 or 5432918 or 5442756 or 5448702 or 5450351 or 5452437 or 5459842 or 5463625 or 5467452 or 5481683 or 5487159 or 5517628 or 5517648 or 5542070 or 5542088 or 5544236 or 5550816 or 5557766 or 20020053017 or 20020056037 or 20030041228 or 20030145159 or 20030191866 or 20040039895 or 20040054880 or 20040071152 or 20040073728 or 20040073778 or 20040098496 or 20040109369 or 20040205747 ).pn

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Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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<i>h</i>	3	3792441	1974-02-12	Wymore et al.			
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### Signature

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